Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Saturday 02 Jan 2021 until 23:59 on Sunday 03 Jan 2021

Forecast Issued on Saturday 02 Jan 2021 at 03:09

Confidence: High confidence for cold and rather unsettled conditions, with some snow on hills and marginally and occasionally to some low levels. Low confidence in extent of wintry showers.

Headline for Saturday 02 Jan 2021: A cold and frosty morning, with some sunshine. A few wintry showers during the afternoon. Feeling cold in the northerly breeze.

Mountain weather hazards on Saturday 02 Jan 2021

Blizzards No Likelihood	**Heavy Snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** Low Likelihood	**Poor visibility** No Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Clear night	Sunny	Cloudy	Light snow	Light snow	Fog
Precipitation probability					
<05%	<05%	10%	40%	60%	30%

Forecast for Saturday 02 Jan 2021

Weather: Dry with some clear spells overnight, leading to a sharp frost. A crisp, dry morning with long periods of sunshine, although it will be sunny it will feel very cold. A few wintry showers in the afternoon and evening and some mist and fog forming at dusk.

Chance of cloud free mountain/hill tops above 600m: 90% chance of free tops during the morning, reducing to 20% chance, with cloud bases lowering to 400-500m in sleet and snow showers later in the day.

Visibility: Very good during the morning, with distant hills visible. Reducing to moderate or poor in sleet and snow showers during the afternoon and evening.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
(C) Crown Copyright 2021. All Rights Reserved

Mountain Weather Forecast

Forecast for Saturday 02 Jan 2021

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	6/10 W	8/12 W	8/11 NW	11/16 N	15/21 N	16/22 NE	16/23 NE
300	4/5 SW	4/6 SW	4/6 W	6/9 NW	8/12 NW	8/15 NE	8/14 NE
Valley	1/4 SE	1/5 SE	1/5 NW	3/9 NW	5/15 N	7/17 N	7/18 N

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	-1/-4	-2/-7	-2/-6	-2/-7	-2/-8	-1/-7	-1/-7
300	0/-2	-1/-4	-0/-3	0/-3	0/-3	1/-3	1/-3
Valley	-2/-4	-2/-4	-0/-2	0/-2	0/-2	1/-2	1/-2
Freezing Level*	100m	00m	100m	200m	300m	500m	500m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

North or northeasterly winds will strengthen during the day increasing the significant wind chill. Notice the very low freezing level although rising later.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Sat 02 Jan 2021	2.2mm	2.6mm	3.2mm

Forecast for Sunday 03 Jan 2021

Weather: A cloudy day but some brighter spells, there will be a few light wintry showers especially in the afternoon in the east.

Maximum wind: North or Northeast 15-20mph.

Chance of cloud free mountain/hill tops above 600m: 10% chance throughout the day, with cloud bases down to 400-500m, with sleet and snow showers moving through.

Visibility: Generally poor in low cloud and sleet and snow showers, occasionally very poor.

Temperature: **Valleys:** Zero rising to 4 Celsius.
At 600m: Minus 1 Celsius
Freezing level: Around 400m.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
(C) Crown Copyright 2021. All Rights Reserved